

Docket No.
71493-1210/aba

Declaration For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint Inventor (If plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS FOR CO-MODELLING AND ANALYZING PACKET NETWORKS OPERATING OVER OPTICAL NETWORKS

the specification of which

(check one)

Is attached hereto.

was filed on _____ as United States Application No. or PCT International Application Number _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior applications and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or Inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s).

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

60/442,758	January 27, 2003
(Application Serial No.)	(Filing Date)

(Application Serial No.)	(Filing Date)

(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, CFR Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	AUBIN, Raymond
Sole or first inventor's signature	
Date	2004-01-26
Residence	Hull, Quebec, Canada
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Full name of second inventor, if any	NASRALLAH, Hadi
Second inventor's signature	
Date	JAN 26 2004
Residence	Ottawa, Ontario, Canada
Citizenship	CANADIAN
Post Office Address	1862 Ferncroft Crescent, Ottawa, Ontario, K1H 7B5, Canada

Full name of third inventor, if any	
Third inventor's signature	
Date	
Residence	
Citizenship	
Post Office Address	

Full name of fourth inventor, if any	
Fourth inventor's signature	
Date	
Residence	
Citizenship	
Post Office Address	

Jan-27-2004 15:42 From-S&B/F&Co +613 T-901 P.008/012 F-669
Jan-27-2004 10:54 From-S&B/F&Co +613 T-840 P.002/003 F-603

PATENT/DOCKET NO. 71-93-1210
CUSTOMER NO. 07380

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: RAYMOND AUBIN, ET AL § Attorney Docket No. 71493-1210

Serial No.: n/a

Filed: Herewith

Title: METHODS FOR CO-MODELLING
AND ANALYZING PACKET NETWORKS
OPERATING OVER OPTICAL NETWORKS

Group Art Unit: n/a

Examiner: n/a

Commissioner for Patents
Alexandria, VA 22313-1450

POWER OF ATTORNEY FOR
PATENT APPLICATION

Nortel Networks Limited, a Canadian corporation having principal offices at:

Nortel Networks Limited
2351 Boulevard Alfred-Nobel
St Laurent, Quebec H4S 2A9, Canada

the owner by assignment of the entire right, title and interest to the invention for
**METHODS FOR CO-MODELLING AND ANALYZING PACKET NETWORKS
OPERATING OVER OPTICAL NETWORKS**, by AUBIN, Raymond and
NASRALLAH, Nadi and in and to the application for patent and any Letters Patent,
whether domestic or foreign, that may issue thereon, by virtue of the assignment:

- Recorded Concurrently Herewith
 Recorded on _____
 Recorded at Reel _____ Frame _____
 Copy Attached

hereby appoints the following attorneys and/or agents to prosecute this application and
transact all business in the Patent and Trademark Office connected therewith:

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CUSTOMER NO. 07380

its attorneys with full power of substitution and revocation, to prosecute all domestic and foreign patent applications, including PCT and EPO filings, relating to said invention and to transact all business connected therewith, including signing of all papers on its behalf and making alterations and amendments.

The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above, and is authorized to act on behalf of the Assignee.

NORTEL NETWORKS LIMITED

January 27, 2004

Date

Name: Jeffrey Measures

Title Intellectual Property Counsel

FORM PTO-1895 (Modifed)
 (Rev. 03-01)
 OMB No. 0851-0027 (exp. 5/31/2002)
 PQ8A/REV03

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

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PATENTS ONLY

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**RAYMOND AUBIN
HADI NASRALLAH**

Additional names(s) of conveying party(ies)

 Yes No

3. Nature of conveyance:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other _____ | |

Execution Date: January 26, 2004

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: January 26, 2004

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

 Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James McGrawRegistration No. 28,168Address: SMART & BIGGARP.O. Box 2999, Station D900 - 55 Metcalfe StreetCity: Ottawa State/Prov.: OntarioCountry: Canada ZIP: K1P 5Y66. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account

8. Deposit account number:

19-2550

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*James McGraw

Name of Person Signing

Signature

January 27, 2004

Date

3

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:

 Mail Stop Assignment Recordation Services
 Director of the United States Patent and Trademark Office
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71493-1210/aba

**PATENT APPLICATION
ASSIGNMENT**

FOR VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I (we) the undersigned, whose full post office address(es) is(are) listed below my (our) name(s), do hereby sell, assign and transfer to:

NORTEL NETWORKS LIMITED

(hereinafter "Nortel"), its successors, assigns and legal representatives, whose full post office address is:

2351 Boulevard Alfred-Nobel
St. Laurent, Quebec
Canada, H4S 2A9

all their right, title, and interest worldwide in and to the invention relating to

**METHODS FOR CO-MODELLING AND ANALYZING PACKET NETWORKS
OPERATING OVER OPTICAL NETWORKS**

as described in an application for letters patent filed concurrently herewith or filed in (Insert Country) on (Insert Date) and given serial number (Insert Serial Number), as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisionals, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said invention.

I (We) undertake without charges to Nortel but at its request and expense to execute all documents, take all oaths and do all reasonable acts to enable Nortel, its successors assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to Nortel, its successors assigns and legal representatives.

THE UNDERSIGNED hereby authorizes the firm of Smart & Biggar whose full office address is P.O. Box 2999, Station D, 900-55 Metcalfe Street, Ottawa, Ontario, K1P 5Y6, Canada, to correct clerical errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.

A. Ciancibello
Witness' Signature

Raymond Aubin
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Date: 2004-01-26
Assignor

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